

Certified Validation Report

Part A: Provided by Validator

Audit Information:

Water Supplier Name: Los Angeles County Waterworks District 29 - Malibu & Marina Del Rey PWS ID: CA1910204

System Type: Potable

Audit Period: Calendar Year 2017

Utility Representation: Sara Samaan and Evelyn Ballesteros

Validation Date: 1/22/2019

Call Time: 12pm

Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 58

ILI: -0.48

Real Loss: -97.874 AF

Apparent Loss: 510.248 AF

Non-revenue water as percent of cost of operating system: 7.4%

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

If not, rejected recommendations are included here.

Validator Information:

Water Audit Validator: Chris Hewes

Qualifications: Water Audit Validator Certificate issued by the CA-NV Section of the AWWA

Validator Provided

Certified Validation Report

Part B: Provided by Utility

Water Supplier Name: Los Angeles County Waterworks District 29 - Malibu & Marina Del Rey

Water Supplier ID Number: CA1910204

Water Audit Period: Calendar Year 2017

Water Audit & Water Loss Improvement Steps:

Utility to provide steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

- Replace meters with AMR read technology.
- Included hydrant leads to total length of mains.
- Increased field validation on iWater for verifying length of mains, locations of service connections, and other infrastructure.

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audit and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Executive Name (Print)

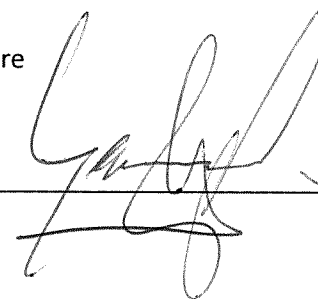
Executive Position

Signature

Date

SAMI KABAR

SENIOR CIVIL ENGINEER



1-29-19